

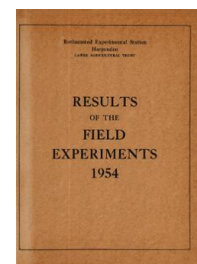
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Yields of the Field Experiments 1954

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54/R/A/6 Hoosfield Exhaustion Land - Barley

Rothamsted Research

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54/A/6

BARLEY - EXHAUSTION LAND HOOSFIELD 1954

For history, details of treatments etc., see "Results of the Field Experiments 1952", Section A/6.

Cultivations, etc.: Ploughed: Sept 2, 1953 and again Oct 21. Seed drilled at 3 bushels per acre, sulphate of ammonia applied: Mar 16, 1954. Harvested: Aug 28. Variety: Plumage Archer.

Summary of Results

| Manuring to Potatoes 1876-1901* | Yields (at 85% dry matter): cwt per acre | |
|---|---|-------|
| | Grain | Straw |
| 1 Unmanured | 16.2 | 20.5 |
| 2 Unmanured after 6 years dung | 19.0 | 28.3 |
| 3 Dung | 29.9 | 32.1 |
| 4 Dung | 28.7 | 32.9 |
| 5 Ammonium salts | 20.5 | 22.1 |
| 6 Nitrate of soda | 17.2 | 25.3 |
| 7 Ammonium salts and complete minerals | 27.8 | 30.5 |
| 8 Nitrate of soda and complete minerals | 27.0 | 34.7 |
| 9 Superphosphate | 23.8 | 28.4 |
| 10 Complete minerals | 26.6 | 31.0 |

*For certain changes see history.

Mean dry matter % as harvested, Grain: 81.4
Straw: 81.2